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PTO/SB/21 (08-00)

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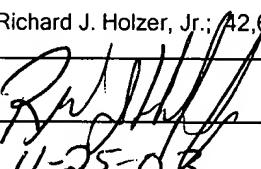
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| TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i> | | Application Number 09/899,539 |
| | | Filing Date Jul 06, 2001 |
| | | First Named Inventor Ebbo |
| | | Group Art Unit 2153 Technology Center 200 |
| | | Examiner Name BURGESS, GLENTON B. |
| Total Number of Pages in This Submission 1,229 | Attorney Docket Number MS1-1586US | |

ENCLOSURES (check all that apply)

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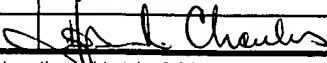
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | |
|-------------------------------|---|
| Firm or Individual name | Richard J. Holzer, Jr. #2,668 |
| Signature |  |
| Date | 11-25-03 |

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

2 Serial No.....09/899,539
3 Filing Date.....July 6, 2001
3 Inventorship.....Ebbo, et al
4 Applicant.....Microsoft Corporation
4 Attorney's Docket No.MS1-1586US
5 Title: Partial Page Output Caching

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7 *References -- See Attached Form PTO-1449*

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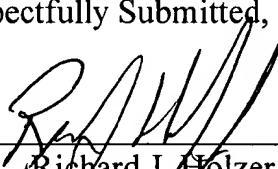
8 **REMARKS**

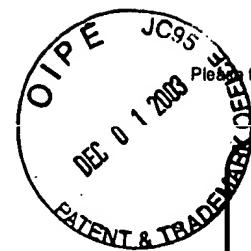
9 With regard to the above-identified application, the documents listed on the
10 enclosed Form 1449 are brought to the attention of the Examiner. A copy of each
11 document listed on the enclosed Form 1449 is provided. Consideration of the listed
12 documents is respectfully requested. Additionally, it is requested that the
13 Examiner return a copy of the attached Form 1449, marked as being considered
14 and initialed by the Examiner, to the undersigned with the next official
15 communication.

17 No representation is made that any of the documents listed in the enclosed
18 Form 1449 constitute prior art or are in any way material to the subject matter of
19 the above-identified application

21 Respectfully Submitted,

23 Date: 10-25-03

22 By: 
Richard J. Holzer, Jr.
Reg. No. 42,668



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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 2 of 5

Complete if Known

| | |
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| Application Number | 09/899,539 |
| Filing Date | 07/06/2001 |
| First Named Inventor | Ebbo |
| Group Art Unit | 2153 |
| Examiner Name | Burgess, Glenton B. |
| Attorney Docket Number | MS1-1586US |

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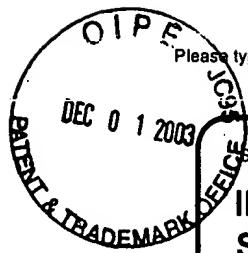
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| Application Number | 09/899,539 |
| Filing Date | 07/06/2001 |
| First Named Inventor | Ebbo |
| Group Art Unit | 2153 |
| Examiner Name | Burgess, Glenton B. |
| Attorney Docket Number | MS1-1586US |

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| Examiner Initials ¹ | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. |
| | | WU, DAPENG; HOU, YIWCI THOMAS; ZHANG, YA-QIN; "Scalable Video Transport over Wireless IP Networks"; IEEE 2000; pages 1185 - 1191 |
| | | DOBSON, RICK; "Data Binding in Dynamic HTML"; DBMS March 1998 pages 47-52 |
| | | PENN, GERALD; HU, JIANYING; LUO, HENGBIN; McDONALD, RYAN; "Flexible Web Document Analysis for Delivery to Narrow-Bandwidth Devices"; IEEE 2001; pages 1074-1078 |
| | | ESPOSITO, DINO; "Heaven Sent"; Developer Network Journal issue 23 March/April 2001 pages 18-24 |
| | | HOVANES, MICHAEL E.; DEAL, JOHN R. GRIZZ; ROWBERG, ALAN H.; "Seamless Multiresolution Display of Portable Wavelet-Compressed Images" Journal of Digital Imaging, vol 12, no 2, suppl 1 (May), 1999, pp 109-111 |
| | | INGHAM; DAVID B; "W3Objects: A Distributed Object-Oriented Web Server" Object-Oriented Web Servers and data Modeling Workshop, Sixth International World Wide Web Conference, 4/7/1997, Santa Clara, CA 4 pages |
| | | KUNZ, T.; EL SHENTENAWY, M.; GADDAH, A.; HAFEZ, R.; "Image Transcoding for Wireless WWW Access: The User Perspective; Multimedia Computing and Networking 2002, Proceedings of SPIE vol 467 (2002) pages 28-33 |
| | | "OOP Launches Hammock at JavaOne" http://www.oop.com/pr2000_06_08.jsp?gui=Plain June 8, 2000, 1 page |
| | | "Hammock: Think of it as Swing for the Web"; 7/14/2000; 10 pages |
| | | HAMMOND, ERIC "Hammock Swings through Web interfaces" www.infoworld.com/articles/mt/xml/00/07/17/000717mthammock.xml ; 7/14/2000; 3 pages |
| | | DUAN, NICK N.; "Distributed Database Access in a Corporate Environment Using Java" Bell Atlantic Corporation; 1996; 8 pages |

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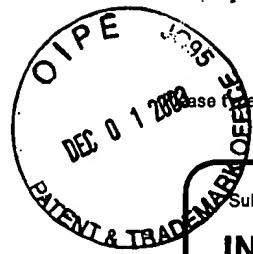
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| | | NADAMOTO, AKIYO; KONDO, HIROYUKI; TANAKA, KATSUMI; "WebCarousel: Restructuring Web Search Results for Passive Viewing in Mobile Environments" IEEE 2001 page 164-165 |
| | | Developing ASP-Based Applications: Microsoft 1996, 5 pages |
| | | "ColdFusion: Web Application Server"; Allair Corp; www.allair.com; 1995-1999 |
| | | "Altego Networks Introduces First Mobile Web Server for Enterprises, Telcos and Providers"; Redwood City, CA; 11/14/2000; 3 pages |
| | | "Bluestone Software Lays Foundation for Internet Operating Environment with Total-E-Server...." Screaming Media, Business Wire; 6/5/2000; 3 pages |
| | | STEWART, TONY; "The Document as Application: Issues and Implications" GCA XML Europe 1999; pages 575-599 |
| | | FRANKLIN, KEITH; "Supercharge Data Binding"; Visual Basic Programmer's Journal, March 2000; 7 pages |
| | | SHAPIRO, MARC; "A Binding Protocol for Distributed Shared Objects" Presented at 14th International Conference on Distributed Comp. Sys.; June 21-24 1994; 17 pages |
| | | "Best Practices for Creating Adaptive User Interfaces with the Mobile Internet Toolkit"; Microsoft Corporation, January 2002; 15 pages |
| | | "Best Practices for the Microsoft Mobile Internet Toolkit Image Control"; Microsoft Corporation, February 2002 |
| | | MARSHALL, JAMES; "HTTP Made Really Easy: A Practical Guide to Writing Clients and Servers"; August 15, 1997; 14 pages |

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| (use as many sheets as necessary) | | | | Filing Date 07/06/2001 | |
| | | | | First Named Inventor Ebbo | |
| | | | | Group Art Unit 2153 | |
| | | | | Examiner Name Burgess, Glenton B. | |
| Sheet 5 of 5 | | | | Attorney Docket Number MS1-1586US | |

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| | | Chapter 3, "Mechanics of Developing JavaScript Applications"; Server-Side Javascript Guide; Online! 1999; pp 51-108 www.developer.netscape.com/docs/manuals/ssjs/1_4/ssjs.pdf |
| | | Chapter 6, "Session Mangement Service"; Server Side Javascript Guide; Online! 1999 pp 125-166 www.developer.netscape.com/docs/manuals/ssjs/1_4/ssjs.pdf |
| | | ANDERSON, RICHARD; HOMER, ALEX; HOWARD, ROB; SUSSMAN, DAVE; "A Preview of Active Server Pages+"; Copyright 2000, Wrox Press, Pages 1-73. |
| | | "HTML Encyclopaedia"; http://www.scit.wlv.ac.uk/encyc/form.html ; 1995; 2 pages |
| | | "A Brief History of Hypertext" Microsoft Corporation, 1996, 1 page |
| | | European Search Report 01111678.7-2201 |
| | | European Search Report 01111680.3-2201 |
| | | European Search Report 01111681.1-2201 |
| | | European Search Report 01111682.9-2201 |
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